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UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/046,571	10/26/2001	William E. Mazzara JR.	GP-301314 2760/11	4964

7590 05/31/2005	**EXAMINER**
General Motors Corporation	JAMAL, ALEXANDER

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ART UNIT	PAPER NUMBER
2643	

DATE MAILED: 05/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>09 March 2005</u>.

2a) ☒ This action is **FINAL**.   2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-17* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-17* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All b) ☐ Some * c) ☐ None of:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____.

      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2.   **Claims 1-17** rejected under 35 U.S.C. 102(e) as being anticipated by Seppanen

(6330442).

As per **claim 1,** Seppanen discloses a cell phone system performing the method

comprising the step of initiating communication with a base station and receiving an SID

code from the base station (registering) (Col 8 lines 20-40). A further step (Fig. 3 steps

D,E,G,H) comprises dialing a number and then determining any necessary call prefixes

required by the registered base station based upon the information in memory 24 (Fig. 2).

The appropriate prefixes are then appended, and the calling signal is send to the base

station (Fig. 3 steps I, J).

As per **claim 5,** claim rejected for the same reasons as the claim 1 rejection. The

means (in the cell phone of Fig. 2) are provided to perform the storing (Database is

memory 24 in Fig. 2), dialing, registering, receiving the SID code, accessing the

database, modifying the dialed number, and connecting to the registered base station as

per the claim 1 rejection.

As per **claim 10,** claim rejected for the same reasons as the claim 1,5 rejections.

The phone inherently comprises the software to perform the steps of the claim 1,5

rejections for the purpose of controlling the cell phone hardware.

As per **claim 15,** claim rejected for same reasons as the claim 1,5 rejections.

Seppanen discloses an embodiment where the database is stored at the base station, and

the prefix selection and appending is performed at the base station (Col 16 lines 16-41,

Col 17 lines 10-37).

As per **claim 16,** claim rejected for the same reasons as the claim 1,5,15

rejections. The means are disclosed to perform the steps of the method.

As per **claim 17,** claim rejected for the same reasons as the claim 16. The system

inherently comprises the software to perform the steps of the claim 1,5 rejections for the

purpose of controlling the hardware that performs the steps of the method.

As per **claims 2,6,8,11,13,** the system defines one field in the database as

SWDB#1 used to associate the correct prefixes to the correct dialed numbers (Col 23 line

55 to Col 24 line 8). The art further discloses the SWDB#1 field may comprise SID

codes (Col 24 line 63 to Col 25 line 20).

As per **claim 3,7,12,** the system may search among a range of numbers defined by

the SWBD#1 (Col 24 lines 8-25).

As per **claim 4,9,14,** claim rejected for same reasons as the claim 3 rejection. In

the case that the code being searched for is one of the endpoints of the predetermined

range of codes, the system will check the code compared to each number at the endpoints

of the range (searching for the code). If the code is not found at the end points, the entire

range will be searched to see if the code is encompassed by the range.

Response to Arguments

3.   Applicant's arguments filed 3-9-2005 have been fully considered but they are not

persuasive.

As per applicant's arguments (remarks page 2) that Seppanen discloses that the

mobile unit may receive an SID code and use that code to pre-pend a dialing number

prefix to the number keyed in by the user (as mentioned above in the claim 1 rejection).

This is further expanded on in Fig. 3 where the ENDC information (dialing prefix) is

correlated to the ANID information (SID number) and is stored in memory portion 24a of

the user terminal (or stored at the base station) (Col 9 lines 35-65).

As per applicant's arguments that Seppanen does not disclose searching for a

range of SID codes (remarks page 3), Seppanen discloses that memory portion 24a of the

phone may comprise SWBD# that has a first and second code portions (Col 13 line 33 to

Col 14 line 10). Seppanen further discloses that SWBD# may comprise a range of

numbers (Col 24 lines 5-25). In the case where the SWBD# stores country codes or

network dialing prefixes, the database would inherently comprise the range of SID

numbers for the purpose of being able to correlate the received SID number with the

correct network dialing prefix. Examiner notes that the correlation between the SID

number and the network dialing prefix is also disclosed by Seppanen (Col 9 lines 35-65).

4.   **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the mailing

date of this final action.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Alexander Jamal whose telephone number is 571-272-7498. The

examiner can normally be reached on M-F 9AM-6PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis A Kuntz can be reached on 571-272-7499. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and 703-872-9315 for After Final communications.

AJ
May 26, 2005

CURTIS KUNTZ
SUPERVISORY PATENT EXAMINER
BIOLOGY CENTER 2600